IN THE SPECIFICATION:

Please insert the following paragraph before the paragraph titled BACKGROUND OF THE INVENTION on page 1 of the specification:

CROSS-REFERENCE TO RELATED APPLICATIONS

Pursuant to 35 U.S.C. § 119(a), this application claims the benefit of earlier filing date and right of priority to the Korean Application No. 16173/2000, filed on March 29, 2000, the content of which is hereby incorporated by reference herein in its entirety.

Please replace paragraph beginning on page 11, line 2 with the following paragraph:

The operation of the coder 100A will now be described with ~~refernece~~ reference to Figure 4.

Please replace paragraph beginning on page 13, line 5 with the following paragraph:

Unlike ~~in the~~ coder 100 of Figure 4 as described above, in ~~a~~ coder ~~100~~ 200 of Figure 5, the input bit streams (X) and (X') are respectively inputted to the first and the second multiplexers ~~100-6~~200-6 and ~~100-7~~200-7 without undergoing the rate matching algorithm.

Please replace paragraph beginning on page 13, line 9 with the following paragraph:

Then the first rate matching algorithm processing unit ~~100-4~~ 200-4 performs the rate matching for the codeword bit stream (Y) outputted from the first coder ~~100-1~~200-1 and the codeword bit stream (Z) outputted from the second coder ~~100-3~~200-3 by having '2' and '1' as respective initial offset values, and the second rate matching algorithm processing unit ~~100-5~~ 200-5 performs rate matching for the codeword bit stream (Y) outputted from the first coder ~~100-1~~200-1 and the codeword bit stream (Z) output~~ted~~ from the second coder ~~100-3~~200-3 by having '1' and '2' as respective initial offset values.

Please replace paragraph beginning on page 13, line 17 with the following paragraph:

Thereafter, the first and the second rate matching algorithm processing units ~~100-4~~200-4 and ~~100-5~~200-5 input the codeword bit streams (Y^a, Z^a) to the first and the second multiplexers ~~100-6~~200-6 and ~~100-7~~200-7. The codeword bit streams inputted ~~tot he~~to the first and the

second multiplexers ~~100-6~~200-6 and ~~100-7~~ 200-7are sequentially ~~inputted~~ provided to the two base stations 20A-1 and 20B-1, respectively.

Please replace paragraph beginning on page 15, line 3 with the following paragraph:

Figure 8 is a diagram of a hand-off processing apparatus for a mobile terminal receiver in a down-link telecommunication system in accordance with the present invention~~, which~~. The apparatus includes a deplexer 201 for receiving and deplexing a radio frequency signal transmitted from ~~the~~ two base stations; an analog receiver 202 for receiving and converting the deplexed radio frequency signal~~, converting it~~ to an intermediate frequency signal and amplifying the intermediate frequency signal, a searching unit 203 for continuously searching for a pilot signal transmitted from the two base stations from among the radio frequency signals input~~ted~~ through the analog receiver and computing a signal-to-interference ratio of the pilot signal; an base station controller 208 for ~~discriminating~~ determining from which base station the signal has been received by using the computed value and informing two rake receiver 204 and 205 ~~of it~~accordingly, two rake receivers 204 and 205 for outputting the signals received from ~~the~~ base station 'A' and ~~the~~ base station 'B' to a code combiner 206 according to the ~~discrimination~~ determination of the base station controller 208, the code combiner 206 ~~for~~ converting and outputting the two signals ~~outputted~~ from the two rake receivers 204 and 205 ~~to~~ as a single type of data stream ~~and outputting it~~, and repeating decoder 207 for receiving the data stream and performing coding.

Please replace paragraph beginning on page 16, line 22 with the following paragraph:

Figure 9 is a detailed view of ~~a~~ the code combiner of Figure ~~7~~ 8 in accordance with the present invention.

Please replace paragraph beginning on page 18, line 17 with the following paragraph:

Figure 11 is a diagram of a hand-off processing apparatus for a mobile terminal receiver in the up-link telecommunication system in accordance with the present invention~~, which~~. The apparatus includes a coder ~~100A~~ 300A for ~~making one signal into~~generating and outputting two different signals ~~and outputting it~~from one signal in hand-off, and two base station recognizing units 302 and 303 for assigning corresponding base station codes to the two signals output~~ted~~ from the coder ~~100A~~ 300A and transmitting them to the base station. Each of the two base station recognizing units 302 and 303 include code generators 302-1 and 303-1 for generating a base station code and multipliers 302-2 and 303-2 for multiplying the transmission signal

~~outputted~~ form the coder ~~100A~~ 300A by the base station code and outputting ~~it~~the multiplied signal.

Please replace paragraph beginning on page 19, line 5 with the following paragraph:

As shown in Figure 11, the coder ~~100A~~ 300A which has the same structure and function as ~~that of~~ the coder 100A of Figure 3, ~~changes~~ generates two different signals from a signal generated ~~from~~ by the mobile terminal receiver ~~to two different transmission signals~~ and transmits ~~them~~ the two different signals to the two base station recognizing units 302 and 303.

Please replace paragraph beginning on page 19, line 9 with the following paragraph:

Then, in order to ~~discriminate~~ determine which ~~signal~~ of the two signals output~~ted~~ from the coder ~~100A~~ 300A is for a corresponding base station, the two base station recognizing units 302 and 303 multiply the signal generated ~~from~~ by the coder ~~100A~~ 300A by the base station code generated ~~from~~ by the code generators 302-2 and 303-2 and transmit ~~it~~ the multiplied signal to ~~the~~ base station 'A' and ~~the~~ base station 'B', respectively.

Please replace paragraph beginning on page 19, line 21 with the following paragraph:

An analog receiver 4A-1 of the base station 'A" 20A-1 receives one of the signals transmitted from the two base station recognizing units 302 and 303 of the mobile terminal receiver and converts it to an intermediate frequency (IF0) signal. The base station 'A" 20A-1 has the ~~similar~~ same structure as ~~that of~~ the conventional CDMA diversity combing receiver ~~as~~ shown in Figure 1, except ~~for~~ that a decoder ~~33~~is not provided.

Please replace paragraph beginning on page 20, line 1 with the following paragraph:

However, the ~~most bit~~main difference between the two base stations 'A' and 'B' and the conventional CDMA diversity combining receiver is that the decoding is ~~performing~~ performed in a master switching center ~~100~~ 120 as shown in Figure 12, not in the base station.

Please replace paragraph beginning on page 20, line 15 with the following paragraph:

Two signals combined by the diversity combiners 5A and 7A of the two base stations 'A' 20A-1 and 'B' 20B-1 are again combined by a code combiner 8A of the master switching center ~~100 so as to be~~ 120 such that they are converted to ~~its~~ their original~~ly one~~ single type of data streams. ~~And then, the~~The converted data streams are then decoded by a repeating decoder

9A. The operations of the code combiner 8A and the repeating decoder 9A are the same as ~~that of~~, respectively, the code combiner of Figure 9 and the repeating decoder of Figure 10.

Please replace paragraph beginning on page 20, line 22 with the following paragraph:

In this manner, in the down-link telecommunication system, the mobile terminal receiver performs decoding, and in the up-link telecommunication system of Figure 12, the master switching center ~~100~~ 120 performs decoding. Before performing decoding, the code combiner 8A of the master switching center ~~100~~ 120 receives ~~the~~ a signal having two types of base station codes generated by the two base station recognizing units 302 and 303 of the mobile terminal receiver and ~~makes it into one~~generates a single type of signal which is then decoded by the repeating decoder 802.